

PATENT

IN THE SPECIFICATION

Please replace the paragraph starting at page 9, lines 9-25, of the specification as follows:

In one embodiment of the invention, the designated operational mode code 26 is loaded as part of the second upload in block 44. For example, the operational mode code 26 would specify whether the cellular phone would operate in a single, dual, or tri-mode. In another embodiment, the system code uploaded at block 50 includes the [U/I] user interface code. Continuing to block 52, the system code 22 is executed to determine the functionality of the electronic device 12. At a decision block 54, if the electronic device 12 does not pass the system level testing, the manufacturing system 10 returns to block 42, and proceeds as discussed above. By loading the test code 20 in parallel with some system code 22 at block 42 rather than only loading test code 20, only the remaining portion of the system code 22 is uploaded after testing. Also, by overwriting the executed test code 20 with system code 22 at block 50, the size of the memory location 14 can be minimized to reduce cost. Furthermore, the subsequent system code 22 upload process time is reduced. This advantage is further magnified where the electronic device 12 fails testing and returns to block 42 since the electronic device 12 will proceed through the manufacturing process more than once. Otherwise, if the electronic device 12 passes the system level testing, the manufacturing system 10 continues to block 56.